

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-45 (Cancelled)

46. (Previously presented) A method for controlling download access of content from a download server to a mobile user terminal via a network, the network including at least a network service, the download server, and the mobile user terminal, the method comprising:
- receiving a download request from the network service, the download request including access information;
 - creating a content rights file based on the access information;
 - storing the content rights file;
 - delivering to the network service an address of the content rights file for use by the mobile terminal;
 - receiving a transaction request from the mobile user terminal;
 - determining if the transaction request includes the content rights file address;
 - if the transaction request includes the content rights file address:
 - retrieving the content rights file using the content rights file address;
 - authorizing a download transaction associated with a transaction identifier based on the content rights file; and
 - downloading, from the download server to the mobile user terminal, the targeted content identified in the transaction request; and
 - if the transaction request does not include the content rights file address and includes the transaction identifier:
 - determining if the transaction is valid based on the transaction identifier;
 - authorizing the download transaction if the transaction is valid; and
 - downloading, from the download server to the mobile user terminal, the targeted content identified in the transaction request.

47. (Previously presented) The method as in Claim 46, wherein:
- creating the content rights file comprises creating the content rights file at the download server;
- storing the content rights file comprises storing the content rights file in storage in the download server; and
- retrieving the content rights file comprises retrieving the content rights file from the storage in the download server.
48. (Previously presented) The method as in Claim 46, wherein the access parameters comprise user-specific and access-specific parameters.
49. (Previously presented) The method as in Claim 48, wherein the access-specific parameters include content access rights identifying an access life cycle.
50. (Previously presented) The method as in Claim 49, wherein the access life cycle transcends user session boundaries.
51. (Previously presented) The method as in Claim 48, wherein the user-specific parameters include an identification of one or more users authorized to receive the content.
52. (Previously presented) The method as in Claim 46, further comprising receiving a confirmation message from the user terminal if the user terminal successfully receives the downloaded content.
53. (Previously presented) The method as in Claim 46, further comprising modifying the content rights file to reflect changes in access rights resulting from downloading the content.
54. (Previously presented) The method as in Claim 53, wherein modifying the content rights file to reflect changes in the access rights comprises decrementing a permitted download count.

55. (Previously presented) The method as in Claim 53, wherein modifying the content rights file to reflect changes in the access rights comprises adjusting an access parameter identifying when content may be downloaded.
56. (Previously presented) The method as in Claim 53, wherein modifying the content rights file to reflect changes in the access rights comprises modifying at least one of a user identifier and an equipment identifier to modify potential recipients of the content that may be downloaded.
57. (Previously presented) The method as in Claim 46, further comprising delivering an address of the content rights file to the network service upon creation of the content rights file.
58. (Previously presented) The method as in Claim 46, further comprising calling a charging element to create a charging record upon delivery of the content to the user terminal.
59. (Previously presented) The method as in Claim 46, wherein authorizing the content download comprises authorizing the content download to one or more user terminals.
60. (Previously presented) The method of Claim 46, wherein downloading the content comprises delivering the content via an XML document.
61. (Previously presented) The method of Claim 46, further comprising fetching the content from a content storage facility upon authorizing the content download.
62. (Previously presented) The method of claim 46, further comprising executing the downloaded content to set configuration parameters of the user terminal.
63. (Previously presented) The method of claim 62, wherein executing the downloaded content to set the configuration parameters comprises setting the configuration parameters to enable the user terminal to access new or upgraded network services.

64. (Previously presented) A download server for controlling access to downloadable content to a mobile terminal via a network, comprising:

a service handler configured to receive a content download request including access information from a network service, the service handler configured to create and store a content rights file based on the access information and deliver to the network service an address of the content rights file for use by a mobile terminal; and

a transaction handler configured to receive a transaction request from the mobile terminal, determine if the transaction request includes the content rights file address, the transaction handler configured to, if the transaction request includes the content rights file address, retrieve the content rights file using the content rights file address, authorize a download transaction associated with a transaction identifier based on the content rights file, and download targeted content identified in the transaction request to the mobile terminal, the transaction handler further configured to, if the transaction request does not include the content rights file address but includes the transaction identifier, determine if the transaction is valid based on the transaction identifier, authorize the download transaction if the transaction is valid and download targeted content identified in the transaction request to the mobile terminal.

65. (Previously presented) The download server as in Claim 64, wherein the transaction handler is further configured to fetch the targeted content identified in the transaction request from a content storage facility.

66. (Previously presented) The download server as in Claim 64, further comprising a charging handler to call a charging facility to create a charging record upon delivery of the targeted content to the mobile terminal.

67. (Previously presented) The download server as in Claim 64, wherein the transaction handler is configured to update the content rights file after the transaction is complete.

68. (Previously presented) The download server as in Claim 64, wherein the content rights file identifies a number of times in which the download transactions have been authorized.

69. (Previously presented) The download server as in Claim 64, wherein the content rights file identifies at what times the download transactions have been authorized.

70. (Previously presented) The download server as in Claim 64, wherein the content rights file comprises an end-user identification to identify the end-users to which the targeted content associated with the download transaction has been authorized.

71. (Previously presented) The download server as in Claim 70, wherein the end-user identification comprises a user name.

72. (Previously presented) The download server as in Claim 70, wherein the end-user identification comprises a user terminal identifier.

73. (Previously presented) The download server as in Claim 72, wherein the user terminal identifier is a Mobile Station ISDN/PSTN Number (MSISDN).

74. (Previously presented) The download server as in Claim 64, wherein the download server provides the transaction identifier to the terminal via a cookie.

75. (Previously presented) The download server as in Claim 64, wherein the download server provides the transaction identifier to the terminal via URL encoding.

76. (Previously presented) A transaction hander coupled to a mobile terminal via a network, the transaction handler configured to receive a transaction request from the mobile terminal, determine if the transaction request includes a content rights file address, the transaction handler configured to, if the transaction request includes the content rights file address, retrieve a content access file using the content rights file address, authorize a download transaction associated with a transaction identifier based on the content rights file,

and download targeted content identified in the transaction request to the mobile terminal, the transaction handler further configured to, if the transaction request does not include the content rights file address but includes the transaction identifier, determine if the transaction is valid based on the transaction identifier, authorize the download transaction if the transaction is valid and download targeted content identified in the transaction request to the mobile terminal.

77. (Previously presented) The transaction handler as in Claim 76, wherein the transaction handler is further configured to fetch the targeted content identified in the transaction request from a content storage facility.

78. (Previously presented) The transaction handler as in Claim 76, wherein the transaction handler is configured to update the content rights file after the transaction is complete.

79. (Previously presented) The transaction handler as in Claim 76, wherein the transaction handler further comprises a charging handler to call a charging facility to create a charging record upon delivery of the targeted content to the mobile terminal.

80. (Previously presented) A computer readable medium having computer-executable instructions for controlling access to downloadable content available via a network service, the computer-executable instructions performing a method, comprising:

receiving a download request from the network service, the download request including access information;

creating a content rights file based on the access information;

storing the content rights file;

delivering to the network service an address of the content rights file for use by the mobile terminal;

receiving a transaction request from the mobile user terminal;

determining if the transaction request includes the content rights file address;

if the transaction request includes the content rights file address:

retrieving the content rights file using the content rights file address;
authorizing a download transaction associated with a transaction identifier
based on the content access file; and
downloading, from the download server to the mobile user terminal, the
targeted content identified in the transaction request; and
if the transaction request does not include the content rights file address and includes
the transaction identifier:

determining if the transaction is valid based on the transaction identifier;
authorizing the download transaction if the transaction is valid; and
downloading, from the download server to the mobile user terminal, the
targeted content identified in the transaction request.

81. (Previously presented) The computer readable medium as in Claim 80, wherein:
creating the content rights file comprises creating the content rights file at the
download server;
storing the content rights file comprises storing the content rights file in storage in the
download server; and
retrieving the content rights file comprises retrieving the content rights file from the
storage in the download server.

82. (Previously presented) The computer readable medium as in Claim 80, wherein the
access information comprises user-specific and access-specific parameters.

83. (Previously presented) The computer readable medium as in Claim 82, wherein the
access-specific parameters include content access rights identifying an access life cycle.

84. (Previously presented) The computer readable medium as in Claim 83, wherein the
access life cycle transcends user session boundaries.

85. (Previously presented) The computer readable medium as in Claim 82, wherein the user-specific parameters include an identification, by name, of one or more users authorized to receive the content.
86. (Previously presented) The computer readable medium as in Claim 80, further comprising receiving a confirmation message from the user terminal if the user terminal successfully receives the downloaded content.
87. (Previously presented) The computer readable medium as in Claim 80, further comprising modifying the content rights file to reflect changes in access rights resulting from downloading the content.
88. (Previously presented) The computer readable medium as in Claim 87, wherein modifying the content rights file to reflect changes in the access rights comprises decrementing a permitted download count.
89. (Previously presented) The computer readable medium as in Claim 80, further comprising calling a charging element to create a charging record upon delivery of the content to the user terminal.
90. (Previously presented) The computer readable medium of Claim 80, further comprising fetching the content from a content storage facility upon authorizing the content download.